

WHAT IS CLAIMED IS:

1. A shredding apparatus, comprising:
- a channel for a paper to enter said shredding apparatus;
  - a shredding mechanism for cutting said paper when said paper passes through said channel;
  - a power source for providing a motive power for said shredding mechanism;
  - a trigger disposed in said channel for arising a move in response to a sustaining force of said paper against said trigger;
  - a delay unit driven by said power source for delaying said sustaining force for a particular time;
  - a lever connected between said trigger and said delay unit and transmitted by said trigger and said delay unit; and
  - a switch electrically connected to said power source and optionally connected to a first portion of said lever depending on a moving status of said lever to be switched between an ON condition and an OFF condition, wherein a distance between said first portion of said lever and said trigger is smaller than a distance between said delay unit and said trigger.
2. The shredding apparatus according to claim 1 wherein said power source is an electric motor.
3. The shredding apparatus according to claim 1 wherein said shredding mechanism comprises:
- a first shaft carried to rotate by said power source;
  - a second shaft disposed with said first shaft in parallel and carried to rotate by said power source;
  - a plurality of cutters staggeredly sleeved and fixed on said first and

second shafts and transmitted to rotate by said first and second shaft, respectively, for cutting said paper when said paper passes through said channel, wherein a space is existent between every two adjacent cutters on the same shaft; and

5 a plurality of guiding plates, each of which is disposed in one said space, and movably sleeved on one of said first and said second shafts.

4. The shredding apparatus according to claim 1 wherein said channel includes an entrance end for putting said paper thereinto.

5. The shredding apparatus according to claim 4 wherein said trigger  
10 includes a protruding element fixed on said lever, disposed at said entrance of said channel, and against by said paper when said paper passes through said channel to carry said lever to rotate.

6. The shredding apparatus according to claim 1 wherein said delay unit comprises:

15 a delay gear set connected to said power source and carried by said power source to rotate; and

a delay cam connected to said delay gear set and said lever and carried by said delay gear set to rotate for delaying said sustaining force for said particular time.

20 7. The shredding apparatus according to claim 1 wherein said first portion of said lever is a protrusion optionally connected with said switch for switching said switch between said ON condition and OFF condition depending on a connection status between said protrusion and said switch.

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